[illegible]

HZCYTOR02.SEQ - [redacted]
Sequence of pcr products generated with 9800-9802,
nested pcr product 9941-AP2 (9801-AP1)
nested pcr product 9937-AP2 (9803-AP1)

Enzyme	Recognition	Cut Site
AgeI	(A^CCGGT)	Def: 1124
BamHI	(G^GATCC)	Def: 172
DraI	(TTT^AAA)	Def: 36
EcoRI	(G^AATTC)	Def: 450
EcoRV	(GAT^ATC)	Def: 438
HpaI	(GTT^AAC)	Def: 145
MscI	(TGG^CCA)	Def: 1244
MunI	(C^AATTG)	Def: 493
NcoI	(C^CATGG)	Def: 377
NsiI	(ATGCA^T)	Def: 592
Ppu10I	(A^TGCAT)	Def: 588
SmaI	(CCC^GGG)	Def: 11
SspI	(AAT^ATT)	Def: 503 988 1107
XmaI	(C^CCGGG)	Def: 9

This should be the full sequence. The other sequence I gave you had 3 mistakes in it.

[redacted]

HZCYTOR02.SEQ   Linear   LENGTH = 1289

```
        XmaI                    DraI          49
          SmaI
  1 CCCCCCGCCCGGGAGAGAGGCAATATCAAGGTTTTAAATCTCGGAGAAATGGCTTTCGTTTGCTTGGCT   69
    GGGGGGCGGGCCCTCTCTCCGTTATAGTTCCAAAATTTAGAGCCTCTTTACCGAAAGCAAACGAACCGA
                                                     M  A  F  V  C  L  A    7
          11                     36
        9

 70 ATCGGATGCTTATATACCTTTCTGATAAGCACAACATTTGGCTGTACTTCATCTTCAGACACCGAGATA  138
    TAGCCTACGAATATATGGAAAGACTATTCGTGTTGTAAACCGACATGAAGTAGAAGTCTGTGGCTCTAT
    I  G  C  L  Y  T  F  L  I  S  T  T  F  G  C  T  S  S  S  D  T  E  I    30
                                                  Pred. N-term S25

        HpaI                          BamHI
139 AAAGTTAACCCTCCTCAGGATTTTGAGATAGTGGATCCCGGATACTTAGGTTATCTCTATTTGCAATGG  207
    TTTCAATTGGGAGGAGTCCTAAAACTCTATCACCTAGGGCCTATGAATCCAATAGAGATAAACGTTACC
    K  V  N  P  P  Q  D  F  E  I  V  D  P  G  Y  L  G  Y  L  Y  L  Q  W    53
          145                           172

208 CAACCCCCACTGTCTCTGGATCATTTTAAGGAATGCACAGTGGAATATGAACTAAAATACCGAAACATT  276
    GTTGGGGGTGACAGAGACCTAGTAAAATTCCTTACGTGTCACCTTATACTTGATTTTATGGCTTTGTAA
    Q  P  P  L  S  L  D  H  F  K  E (C) T  V  E  Y  E  L  K  Y  R  N  I    76

277 GGTAGTGAAACATGGAAGACCATCATTACTAAGAATCTACATTACAAAGATGGGTTTGATCTTAACAAG  345
    CCATCACTTTGTACCTTCTGGTAGTAATGATTCTTAGATGTAATGTTTCTACCCAAACTAGAATTGTTC
    G  S  E  T  W  K  T  I  I  T  K  N  L  H  Y  K  D  G  F  D  L  N  K    99

                                       NcoI
346 GGCATTGAAGCGAAGATACACACGCTTTTACCATGGCAATGCACAAATGGATCAGAAGTTCAAAGTTCC  414
    CCGTAACTTCGCTTCTATGTGTGCGAAAATGGTACCGTTACGTGTTTACCTAGTCTTCAAGTTTCAAGG
    G  I  E  A  K  I  H  T  L  L  P  W  Q  C  T  N  G  S  E  V  Q  S  S    122
                                        377

                         EcoRV          EcoRI
415 TGGGCAGAAACTACTTATTGGATATCACCACAAGGAATTCCAGAAACTAAAGTTCAGGATATGGATTGC  483
    ACCCGTCTTTGATGAATAACCTATAGTGGTGTTCCTTAAGGTCTTTGATTTCAAGTCCTATACCTAACG
    W  A  E  T  T  Y  W  I  S  P  Q  G  I  P  E  T  K  V  Q  D  M  D  C    145
                             438          450

           MunI       SspI
484 GTATATTACAATTGGCAATATTTACTCTGTTCTTGGAAACCTGGCATAGGTGTACTTCTTGATACCAAT  552
    CATATAATGTTAACCGTTATAAATGAGACAAGAACCTTTGGACCGTATCCACATGAAGAACTATGGTTA
    V  Y  Y  N  W  Q  Y  L  L  C  S  W  K  P  G  I  G  V  L  L  D  T  N    168
           493        503
```

23 a.a.) l.n.

Mature 25-380
~~TM = 23~~
EX-cell - 25-339
TMD 340-363
Cyto 364-380

[redacted]